

**DEPARTMENT OF TRANSPORTATION**

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch  
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-015340**Date Inspected:** 03-Jul-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Xu tao / Li yan hua**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG Components**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector, S.Chandrakumar was present during the times noted above for observations relative to the work being performed.

BAY#19

FCAW welding of weld joint 4G-078 located on PCMK BK004A6-004 the welder is identified as 208939. ZPMC QC is identified as Mr. Xu tao. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2334-Tc-P4-F.

FCAW welding of weld joint 4G-088 located on PCMK BK004A8-004 the welder is identified as 208641. ZPMC QC is identified as Mr. Xu tao. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2334-Tc-P4-F.

BAY#16

SAW welding of weld joint 1G-004 located on PCMK BP3074-001 of Segment 13AW welder is identified as 250050. ZPMC QC is identified as Mr. Xin chun hui. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2221-B-U3c-S-2.

BAY#14

FCAW welding of weld joint 3G-234 located on PCMK BP3004J of Segment 12AW welder is identified as

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201215. ZPMC QC is identified as Mr. Tang ya hun. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2233-Tc-U4b-F.

### OUTSIDE SHOP

#### 11DE

SMAW welding of weld joint 2F-014 located on PCMK SSD17-PP105 of Segment 11DE welder is identified as 0043661. ZPMC QC is identified as Mr. Tang ya jun . The welding variables recorded by QC appeared to Comply with the WPS-B-P-2112-FCM-1.

SMAW welding of weld joint 2F-049 located on PCMK SSD17A-PP105 of Segment 11DE welder is identified as 0043661. ZPMC QC is identified as Mr. Tang ya jun . The welding variables recorded by QC appeared to Comply with the WPS-B-P-2112-FCM-1.

#### 11DW

FCAW welding of weld joint 2G-165 located on PCMK FB019-009 of Segment 1DW welder is identified as 201583. ZPMC QC is identified as Mr. Tang ya hun. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2232-Tc-U4b-F.

FCAW welding of weld joint 1G-165 located on PCMK FB027-110 of Segment 1DW welder is identified as 201583. ZPMC QC is identified as Mr. Tang ya hun. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2231-B-U2c-S-2.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

#### Summary of Conversations:

No relevant Conversation.

#### Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang-15--0042-2372, who represents the Office of Structural Materials for your project.

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<b>Inspected By:</b>	Kumar,Chadra	Quality Assurance Inspector
<b>Reviewed By:</b>	McClendon,Timothy	QA Reviewer

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